**Pulled From The Past Succession**

4.1.5 Explain the relationships among ecosystem stability, diversity, succession and habitat  
  
2.6.5 Describe the concept and processes of succession in a named habitat  
  
2.6.6 Explain the changes in energy flow, gross and net productivity, diversity, and mineral cycling in different stages of succession  
  
2.6.7 Describe factors affecting the nature of climax communities

🡪Define succession, pioneer community, climax community

🡪What are typical features of a pioneer community? A climax community?

🡪During what stage of succession are you most likely to find R or K selected species? Why?

🡪During what stage of succession are you most likely to find organisms with Type I survivorship curves? Type III?

🡪Explain how soil develops as a result of succession (begin with primary succession). How does this increase the amount of organic matter over time?

🡪Why are ecosystems more stable at later stages of succession? Explain for each of the following:

-food webs, nutrient cycles, external limiting factors, & organic matter

🡪What are two anthropocentric impacts on succession? How exactly do they impact succession (what are the results)?

🡪Why do later populations replace earlier populations? (be sure to use the word competition in your answer)

🡪How does the (Net and gross) productivity of a community change during succession?

🡪Compare the productivity: respiration ratios of a pioneer community and of a climax community.

🡪How does biodiversity change during succession? How would this look on a line graph? Named Example Required

🡪How does biomass change during succession?

🡪What are the limiting factors of a pioneer community? A climax community?

🡪How is succession different from zonation?

🡪What are some examples of zonation?